

Hx

Hx total

Detector by conductivity after reactor for online
Survey of Hx : Total Halogens

Environnement:

Analysis of total halogens in
indoor or outdoor air (ppm)
*Total Halogen analysis in Air or
Gas*

Toxicity:

Monitor of toxic fluoro compounds

Process:

Industrial Hygiene
Epichlorhydrine
Fence line
Trichlorotrifluoroethane



Principle :

- This instrument uses an injection valve with a loop.
- Sampling flow 20 ml/min by external pump
- **Reactor** at high temperature and hydrogen cut halogenated hydro carbon in HxH.
- Miniaturization, sensitivity, mobility and flexibility are its main features. Everything from the sample port up to the data storage is integrated in a 19"-rack 4 or 5U.
- **Isothermal temperature** of the oven and pressure/flow control of the Hydrogene carrier gas by the **valve**. **Before final delivery the analyser is tested for two weeks by the quality control department.**
- **Conductivity detector.** Halogen Specific with a solvent .The response is due to the formation of HF,HCL, HBr or HI These acids come from the halogenated hydro carbon .
- Bi-directionnal RS-232 to transfer **data ,temperature, pressure , status and results to the computer.**
- The Vistachrom software enables the user to view and store data on a PC. It provides comfortable user friendly utilities to recalculate, calibrate and export data and to configure the measurement.
- The software allows the calculation of area, mass or concentration profiles, in **any international measuring unit.**

Options :

Analog or digital output or alarm.

- **Automatic** validation and **specific calcul**
- 24 V power supply.
- Internal computer 5 U
- Calib for validation
- **Multiplexer**
- Hydrogen generator

methylenechloride

dichloroethane

tetrachloroethylene

*chlorobenzene
tetrachloroethane*